

IN THE CLAIMS

1. – 34 (Canceled)

35. (Previously Presented) A method comprising:

receiving a search term for a query;

searching a network of concept terms for terms related to the search term, wherein

each related term and the search term appear together in at least one sentence in a web page;

reformulating the query using the search term and the related terms before performing

a search for documents based on the search term;

searching a local database for data terms that match the search term and the related

terms, wherein the data terms are generated based on occurrence frequencies

within a document residing on web sites located on server connected to,

wherein the occurrence frequencies include mutual information associated with

a first term and a second term within a given web page using a predetermined

algorithm, wherein the mutual information is determined based on one or more

weight factors of the first and second terms, the one or more weight factors

representing occurrence frequencies of the respective term, and wherein the

mutual information (MI) of the first term x and the second term y is determined

by $MI(x, y) = f(x, y) / f(x) + f(y) - f(x, y)$, wherein $f(x, y)$ corresponds to an

occurrence frequency of both the first term and the second term, wherein $f(x)$

corresponds to an occurrence frequency of the first term, and wherein $f(y)$

corresponds to an occurrence frequency of the second term; and

in response to matching data terms with the search terms and related terms
corresponding to the data terms, retrieving the documents from the respective
websites.

36. (Previously Presented) A machine-readable storage medium having instructions, when
executed by a machine, causes the machine to perform a method, the method comprising;
receiving a search term for a query;
searching a network of concept terms for terms related to the search term, wherein
each related term and the search term appear together in at least one sentence in
a web page;
reformulating the query using the search term and the related terms before performing
a search for documents based on the search term;
searching a local database for data terms that match the search term and the related
terms, wherein the data terms are generated based on occurrence frequencies
within a document residing on web sites located on server connected to,
wherein the occurrence frequencies include mutual information associated with
a first term and a second term within a given web page using a predetermined
algorithm, wherein the mutual information is determined based on one or more
weight factors of the first and second terms, the one or more weight factors
representing occurrence frequencies of the respective term, and wherein the
mutual information (MI) of the first term x and the second term y is
determined by $MI(x, y) = f(x, y) / f(x) + f(y) - f(x, y)$, wherein $f(x, y)$
corresponds to an occurrence frequency of both the first term and the second
term, wherein $f(x)$ corresponds to an occurrence frequency of the first term,

and wherein $f(y)$ corresponds to an occurrence frequency of the second term;

and

in response to matching data terms with the search terms and related terms

corresponding to the data terms, retrieving the documents from the respective websites.

37. (New) The method of claim 35, further comprising displaying the retrieved documents, the search terms and the related terms, wherein at least one of the related terms includes a link, when activated, a further search of concept terms is conducted and one or more further related terms are presented, and wherein searching the local database and retrieving the documents are iteratively performed based on the further related terms.

38. (New) The method of claim 35, further comprising generating a summary of the documents for the searched terms that match the search term and the related terms.

39. (New) The method of claim 38, wherein the summary includes the searched terms and a beginning portion of the documents.

40. (New) The method of claim 35, wherein the network is the Internet.

41. (New) The method of claim 35, wherein the network of concept terms includes links between related terms, wherein the links are based on semantic relationships.

42. (New) The method of claim 41, wherein the semantic relationships are selected from a group consisting of canonical, synonym, hyponym, hypernym, part, product and member.

43. (New) The method of claim 35, wherein related terms are more specific than the search term.

44. (New) The method of claim 35, wherein the occurrence frequencies include mutuality between words within the documents.

45. (New) The method of claim 35, wherein the related terms are different than the search term and have similar meaning of the search term.

46. (New) The method of claim 35, wherein the search term includes a name of an organization, and wherein the related terms include at least one of a name of subsidiaries of the organization, a product name of the organization, and a stock symbol of the organization.

47. (New) The method of claim 35, wherein the occurrence frequencies include mutual information associated with a first term and a second term within a given web page based on a predetermined algorithm.

48. (New) The method of claim 47, wherein the mutual information is determined based on one or more weight factors of the first and second terms, the one or more weight factors representing occurrence frequencies of the respective term.

49. (New) The machine-readable storage medium of claim 36, further comprising displaying the retrieved documents, the search terms and the related terms, wherein at least one of the related terms includes a link, when activated, a further search of concept terms is conducted and one or more further related terms are presented, and wherein searching the local database and retrieving the documents are iteratively performed based on the further related terms.

50. (New) The machine-readable storage medium of claim 36, further comprising generating a summary of the documents for the searched terms that match the search term and the related terms.

51. (New) The machine-readable storage medium of claim 50, wherein the summary includes the searched terms and a beginning portion of the documents.

52. (New) The machine-readable storage medium of claim 36, wherein the network is the Internet.

53. (New) The machine-readable storage medium of claim 36, wherein the network of concept terms includes links between related terms, wherein the links are based on semantic relationships.

54. (New) The machine-readable storage medium of claim 53, wherein the semantic relationships are selected from a group consisting of canonical, synonym, hyponym, hypernym, part, product and member.

55. (New) The machine-readable storage medium of claim 36, wherein related terms are more specific than the search term.

56. (New) The machine-readable storage medium of claim 36, wherein the occurrence frequencies include mutuality between words within the documents.

57. (New) The machine-readable storage medium of claim 36, wherein the related terms are different than the search term and have similar meaning of the search term.

58. (New) The machine-readable storage medium of claim 36, wherein the search term includes a name of an organization, and wherein the related terms include at least one of a name of subsidiaries of the organization, a product name of the organization, and a stock symbol of the organization.

59. (New) The machine-readable storage medium of claim 36, wherein the occurrence frequencies include mutual information associated with a first term and a second term within a given web page based on a predetermined algorithm.

60. (New) The machine-readable storage medium of claim 59, wherein the mutual information is determined based on one or more weight factors of the first and second terms, the one or more weight factors representing occurrence frequencies of the respective term.